

Language Function Worksheet: SMP 6 and Mannie the Show Dog

Analytical Tasks	
Aspect of Function	Opportunities for Teacher Moves to encourage this Student Behavior
<ul style="list-style-type: none"> When appropriate, communicate precisely with others about mathematical reasoning & objects (e.g., use clear definitions of terms, state meaning of symbols used, specify units of measure, label visual representations, & make claims that apply to a precise set of situations) 	
<ul style="list-style-type: none"> Refine communication about mathematical reasoning & objects so that it increasingly becomes more mathematically precise (e.g., uses clearer definitions of terms, explicitly states the meaning of symbols used, 	
<ul style="list-style-type: none"> Calculate, compute, & use arithmetic procedures appropriately, accurately, & efficiently 	
<ul style="list-style-type: none"> Express numerical answers with degrees of precision appropriate for the problem situation 	
<ul style="list-style-type: none"> Monitor one's own & others' use of precision 	
<ul style="list-style-type: none"> Decide when precision is more necessary (e.g., during presentations) & when it is not a high priority (e.g., during exploratory talk in groups) 	
<ul style="list-style-type: none"> Decide the level of precision necessary (e.g., one can make a precise claim that only applies to a defined set of instances even when using colloquial or imprecise individual words). 	
Receptive Language Functions Tasks	
Aspect of Function	Opportunities for Teacher Moves to encourage this Student Behavior
<ul style="list-style-type: none"> Comprehend others' spoken language regarding definitions, meaning of symbols, arithmetic procedures, strategies, solutions, claims, evidence, etc. 	

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<ul style="list-style-type: none"> Comprehend the meaning & features of precision of definitions, symbols meanings, units of measure, & visual representations as presented in multiple representations (e.g., texts, diagrams, & visual media) 	
Productive Language Functions	
Aspect of Function	Opportunities for Teacher Moves to encourage this Student Behavior
Communicate with precision (orally, in writing, & through other representations) about claims & arguments related to precision:	
<ul style="list-style-type: none"> Define key terms & concepts 	
<ul style="list-style-type: none"> Explain meaning of symbols 	
<ul style="list-style-type: none"> Specify units of measure 	
<ul style="list-style-type: none"> Label (or create & label) visual representations 	
<ul style="list-style-type: none"> Ask questions to clarify meaning of others' statements or representations 	
<ul style="list-style-type: none"> Make specific claims & evaluate constraints 	